

Converting Colors

XYZ(78.1428, 79.9796, 75.7972)

Have a look what the booklet for
XYZ(78.1428, 79.9796, 75.7972)
contains.

XYZ(78.0152, 79.9859, 75.6170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.0152, 79.9859,
75.6170)**

Conversions

Conversions Part 1

Format	Color
Hex	F6E4D7
RGB	246, 228, 215
RGB Percent	96%, 89%, 84%
CMY	0.0353, 0.1059, 0.1569
CMYK	0.00, 0.07, 0.13, 0.04
HSL	25°, 63%, 90%
HSV	25°, 13%, 96%
XYZ	78.0152, 79.9859, 75.6170
YIQ	231.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

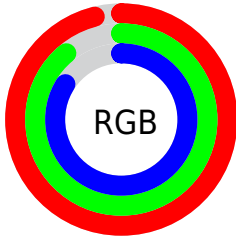
Format	Color
R _Y B	246, 237, 215
Decimal	16180439
CIE Lab	91.68, 4.02, 8.54
CIE LCh	92, 9.437, 64.809
Yxy	79.9859, 0.3339, 0.3424
Android (android.graphics.Color)	4294370519 (0xFFFF6E4D7)
YUV	231.9000, -8.3317, 12.3657
Hunter-Lab	89.4348, -0.8030, 12.4748

Details

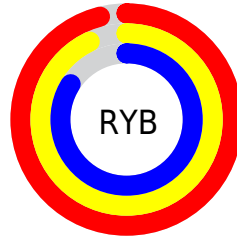
The XYZ color **78.0152, 79.9859, 75.6170** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.7976, 79.3773, 98.6214**, and the grayscale version is **76.6813, 80.6747, 87.8548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5239, 43.3724, 39.3882** is the 20% darker color. If you saturate the color by 10%, you get **71.3218, 71.2826, 58.9455**, and if you desaturate by 10%, it is **85.5129, 89.5355, 94.9034**.

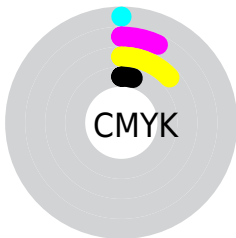
Distribution



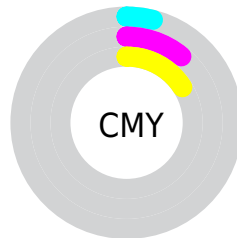
- Red (96%)
- Green (89%)
- Blue (84%)



- Red (96%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.0152, 79.9859, 75.6170 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.0152, 79.9859, 75.6170 by changing the saturation by 10% instead.


 78.0152, 79.9859,
75.6170

 78.0152, 79.9859,
75.6170


477.0575,
494.8853, 499.3475

 58.3893, 59.7068,
55.6137

129.5368,
133.3459, 128.9405

 42.3662, 43.1823,
39.4914


162.1632,
167.1956, 163.0978

 29.5805, 30.0282,
26.8315

199.8538,
206.3375, 202.8102

 19.6669, 19.8600,
17.2154

242.9740,
251.1561, 248.4962

 12.2600, 12.2933,
10.2246

291.8891,
302.0358, 300.5744

 6.9944, 6.9438,
5.4406

346.9645,

 3.5049, 3.4270,

359.3610, 359.4634

2.4448

408.5655,
423.5160, 425.5815

■ 1.4261, 1.3585,
0.8107

■ 0.2747, 0.1858,
0.0000

■ 78.0152, 79.9859,
75.6170

■ 78.0152, 79.9859,
75.6170

■ 71.3218, 71.2826,
58.9455

■ 85.5129, 89.5355,
94.9034

■ 65.3971, 63.3908,
44.7699

■ 91.8164, 98.3330,
108.7487

■ 60.2125, 56.2889,
32.9693

■ 55.7349, 49.9501,
23.4108

■ 51.9282, 44.3458,
15.9482

■ 48.7528, 39.4454,
10.4177

■ 46.1636, 35.2155,
6.6306

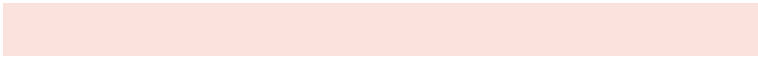
■ 44.1078, 31.6184,
4.3592

■ 42.8762, 29.3327,
3.4019

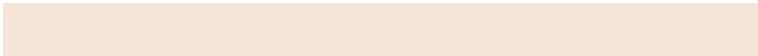
Harmonies

Analogous

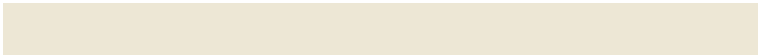
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8958, 79.9859, 79.7272



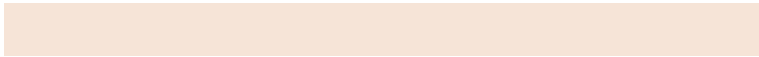
78.0152, 79.9859, 75.6170



75.6360, 79.9859, 74.5154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.0152, 79.9859, 75.6170



71.4960, 79.9859, 88.2094



78.7024, 79.9859, 98.4574

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78.0152, 79.9859, 75.6170



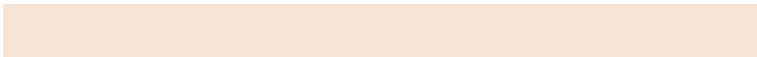
73.7976, 79.3773, 98.6214

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4137, 79.9859, 101.0075



78.0152, 79.9859, 75.6170



72.2798, 79.9859, 94.8949

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0152, 79.9859, 75.6170



71.9045, 79.9859, 81.5595



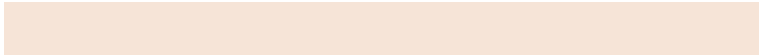
74.0674, 79.9859, 99.6708



80.2984, 79.9859, 92.8673

Rectangle

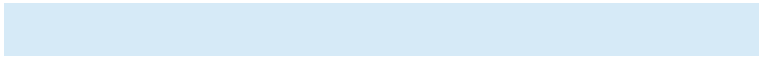
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.0152, 79.9859, 75.6170



74.0948, 79.9859, 75.5830



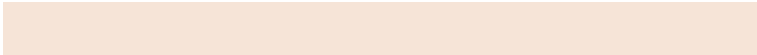
74.0674, 79.9859, 99.6708



77.9868, 79.9859, 99.7116

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78.0174, 79.9894, 75.6187



91.5910, 95.6405, 99.8593



77.0274, 74.0828, 87.3939



19.4684, 20.2991, 21.0214



0.0000, 0.0000, 0.0000



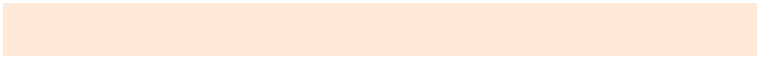
20.3446, 21.4041, 23.3091

Same Dimension

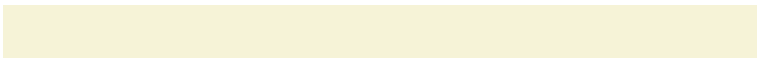
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.0174, 79.9894, 75.6187



82.8130, 84.4190, 77.4051



82.4481, 88.8509, 77.0956



17.0704, 17.6249, 17.2998



23.0169, 15.9194, 1.8596



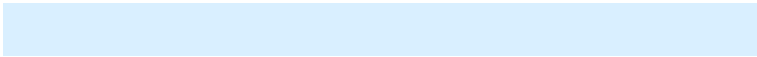
2.1222, 1.5976, 0.1965

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



73.7976, 79.3773, 98.6214



77.4441, 83.6397, 106.6701



69.6235, 71.0291, 97.2301



16.3803, 17.5249, 21.0619



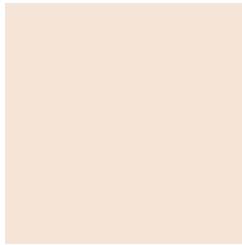
14.2479, 14.2895, 48.5452



1.3537, 1.4589, 4.3005

Previews

White Background



This preview shows how the XYZ color 78.0152, 79.9859, 75.6170 looks on a white background.

Color Contrast Check

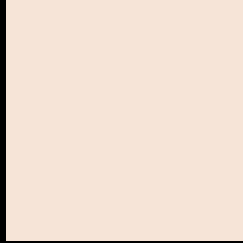
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.0152, 79.9859, 75.6170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

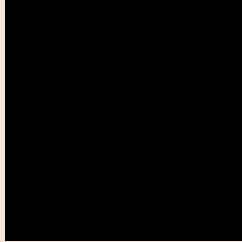
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.0152, 79.9859, 75.6170

Background



This preview shows how black text looks on a background with the XYZ color 78.0152, 79.9859, 75.6170.



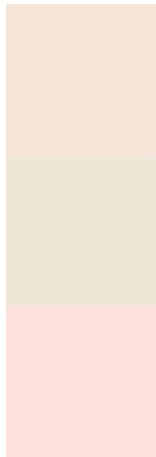
This preview shows how white text looks on a background with the XYZ color 78.0152, 79.9859,

75.6170.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

78.0152, 79.9859, 75.6170

Protanopia

76.2881, 79.9022, 76.3676

Deuteranopia

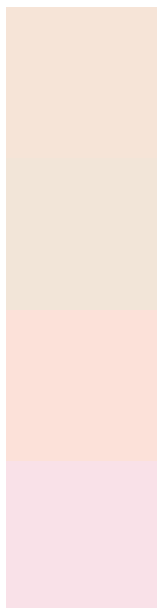
80.5505, 79.6333, 77.4550



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

78.0152, 79.9859, 75.6170

Protanomaly

77.0319, 79.8737, 76.3229

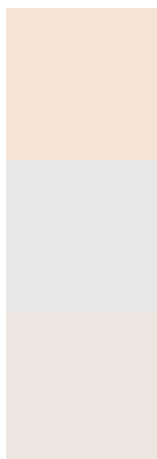
Deuteranomaly

79.5945, 79.5556, 76.8063

Tritanomaly

80.5576, 79.8164, 87.5042

Monochromacy



Original Color

78.0152, 79.9859, 75.6170

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2284, 80.6473, 83.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.0152, 79.9859, 75.6170 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(246, 228, 215) looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.0152, 79.9859, 75.6170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 228, 215) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 228, 215) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.0152, 79.9859, 75.6170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
228, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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